



PTO/SB/08A (08-03)

<b>Substitute for form 1449A/BTO</b> <b>INFORMATION DISCLOSURE</b> <b>STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		<b>Complete if Known</b>			
		Application Number	10/691,755		
		Filing Date	October 22, 2003		
		First Named Inventor	CHISHTI, MUHAMMAD		
		Art Unit	Unassigned		
		Examiner Name	Unassigned		
Sheet	1	of	4	Attorney Docket Number	018563-005020US

U.S. PATENT DOCUMENTS+					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code <sup>2</sup> (if known)			
92	1	US-3,660,900	05-09-1972	Andrews	
	2	US-3,860,803	01-14-1975	Levine	
	3	US-4,348,178	09-07-1982	KURZ	
	4	US-4,504,225	03-12-1985	Yoshii	
	5	US-4,505,673	03-19-1985	Yoshii	
	6	US-4,755,139	07-05-1988	Abbatte et al.	
	7	US-4,793,803	12-27-1988	Martz	
	8	US-4,798,534	01-17-1989	Breads	
	9	US-4,836,778	06-06-1989	Baumrind et al.	
	10	US-4,856,991	08-15-1989	Breads et al.	
	11	US-4,936,862	06-26-1990	Walker et al.	
	12	US-5,011,405	04-30-1991	Lemchen	
	13	US-5,017,133	05-21-1991	Miura	
	14	US-5,035,613	07-30-1991	Breads et al.	
	15	US-5,055,039	10-08-1991	Abatte et al.	
	16	US-5,059,118	10-22-1991	Breads et al.	
	17	US-5,139,419	08-18-1992	Andreiko et al.	
	18	US-5,186,623	02-16-1993	Breads et al.	
	19	US-5,273,429	12-28-1993	Rekow et al.	
	20	US-5,338,198	08-16-1994	Wu et al.	
	21	US-5,340,309	08-23-1994	Robertson	
	22	US-5,342,202	08-30-1994	Deshayes	
	23	US-5,367,478	11-29-1994	Andreiko et al.	
	24	US-5,382,164	01-17-1995	Stern	
	25	US-5,395,238	03-07-1995	Andreiko et al.	
	26	US-5,431,562	07-11-1995	Andreiko et al.	
	27	US-5,447,432	09-05-1995	Andreiko et al.	
	28	US-5,452,219	09-19-1995	Dehoff et al.	
	29	US-5,454,717	10-03-1995	Andreiko et al.	
	30	US-5,456,600	10-10-1995	Andreiko et al.	
	31	US-5,474,448	12-12-1995	Andreiko et al.	
	32	US-5,533,895	07-09-1996	Andreiko et al.	
	33	US-5,542,842	08-06-1996	Andreiko et al.	
	34	US-5,549,476	08-27-1996	Stern	
	35	US-5,587,912	12-24-1996	Andersson et al.	
	36	US-5,605,459	02-25-1997	Kuroda et al.	
	37	US-5,607,305	03-04-1997	Andersson et al.	
	38	US-5,621,648	04-15-1997	Crump	
	39	US-5,645,421	07-08-1997	Slootsky	
	40	US-5,683,243	11-04-1997	Andreiko et al.	
	41	US-5,848,115	12-08-1998	Little et al.	

Examiner Signature	<i>John Wilson</i>	Date Considered	4/7/04
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		Art Unit	Unassigned		
		Examiner Name	Unassigned		
Sheet	2	of	4	Attorney Docket Number	018563-005020US

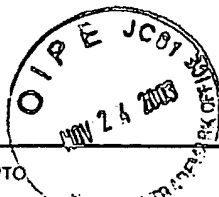
U.S. PATENT DOCUMENTS+					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code <sup>2</sup> (if known)			
<i>gwl</i>	42	US-6,217,334	04-17-2001	Hultgren	<i>class Figures Appear Sub</i>

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>o</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
<i>gwl</i>	43	FR	2 369 828		Jun. 1978			<input type="checkbox"/>
<i>gwl</i>	44	WO	94/10935		May-94			<input type="checkbox"/>
<i>gwl</i>	45	WO	98/32394		Jul-88			<input type="checkbox"/>

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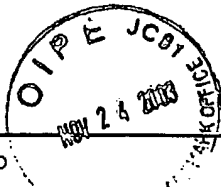
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Sheet	3	of	4	Attorney Docket Number	018563-005020US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
<i>John</i>	46	BioStar Operation & Training Manual, Great Lakes Orthodontics, Ltd. 199 Fire Tower Drive, Tonawanda, New York, 14150-5890. 20 pages total.	
	47	Chiappone, (1980). "Constructing the gnathologic setup and positioner" J. Clin. Orthod. 14:121-133.	
	48	Cottingham, (1969). "Gnathologic clear plastic positioner" Am. J. Orthod. 55:23-31.	
	49	Cureton, (1996). "Correcting malaligned mandibular incisors with removable retainers" J. Clin. Orthod. 30:390-395.	
	50	Doyle, (2000). "Digital Dentistry" Computer Graphics World, October 2000 pp.50-52, 54.	
	51	Elsasser, (1950). "Some observations on the history and uses of the Kesling positioner" Am. J. Orthod. 36:368-374.	
	52	Kamada et al., (1984). "Case reports on tooth positioners using LTV vinyl silicone rubber" J. Nihon University School of Dentistry 26(1):11-29.	
	53	Kamada et al., (1982). "Construction of tooth positioners with LTV vinyl silicone rubber and some case reports" J. Nihon University School of Dentistry 24(1):1-27.	
	54	Kesling, (1946). "Coordinating the predetermined pattern and tooth positioner with conventional treatment" Am. J. Orthod. Oral. Surg. 32:285-293.	
	55	Kesling, (1945). "The philosophy of the tooth positioning appliance" Am. J. Orthod. Oral. Surg. 31(6):297-304.	
	56	Kleemann et al., (1996). "The speed positioner" J. Clin. Orthod. 30:673-680.	
	57	Kuroda et al., (1996). "Three-dimensional dental cast analyzing system using laser scanning" Am. J. Orthod. Dentofac. Orthop. 110:365-369.	
	58	Nippon Dental Review "New orthodontic device-dynamic positioner (D.P.)-I. Approach to the proposal of D.P. and transparent silicone rubber" (1980) 452:61-74.	
	59	Nippon Dental Review "New orthodontic device-dynamic positioner (D.P.)-II. Practical application and construction of D.P." (1980) 454:107-130.	
	60	Nippon Dental Review "New orthodontic device-dynamic positioner (D.P.)-III. Case reports of reversed occlusion" (1980) 457:146-164.	
<i>John</i>	61	Nippon Dental Review "New orthodontic device-dynamic positioner (D.P.)-Case reports of reversed occlusion" (1980) 458:112-129.	

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Sheet	4	of	4	Attorney Docket Number	018563-005020US

NON PATENT LITERATURE DOCUMENTS			
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ju	62	Nishiyama et al., (1977). "A new construction of tooth repositioner by LTV vinyl silicone rubber" J. Nihon University School of Dentistry 19(2):93-102.	
	63	Raintree Essix.TM. & ARS Materials, Inc., Raintree Essix.TM., Technical Magazine Table of Contents and Essix.TM. Applications, <a href="http://www.essix.com/magazine/default.html">http://www.essix.com/magazine/default.html</a> (Aug. 13, 1997) 7 pages total.	
	64	Redmond et al. (2000). "Clinical Implications of Digital Orthodontics," Am. J. Orthodont. Dentofacial Orthopedics 117(2):240-242.	
	65	Shilliday, (1971). "Minimizing finishing problems with the mini-positioner" Am. J. Orthod. 59:596-599.	
	66	Warunek et al., (1989). "Clinical use of silicone elastomer appliances" JCO XXIII(10):694-700.	
	67	Warunek et al., (1989). "Physical and mechanical properties of elastomers in orthodontic positioners" Am. J. Orthod. Dentofac. Orthop. 95:388-400.	
ju	68	Wells, (1970). "Application of the positioner appliance in orthodontic treatment" Am. J. Orthodont. 58:351-366.	

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